



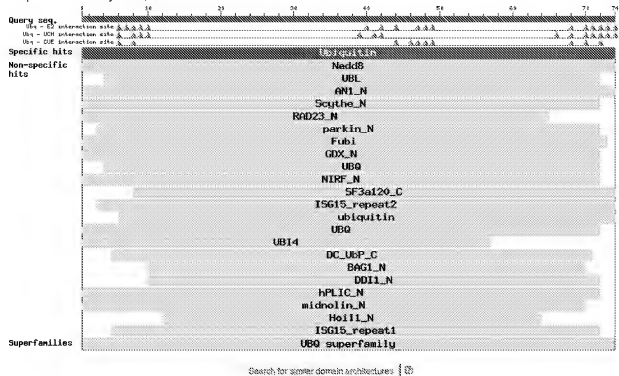
Conserved domains on [gi1092926|pf12102234.1]

[ENZYME/CD/RE/DB/BLAST] [?] ?

ubiquitin

Graphical summary

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List of domain hits

	Description	Pssmid	Multi-dom	E-value
[+] cdd01803, Ubiquitin. Ubiquitin (includes Ubq/RPL40e and Ubq/RPS27a fusions as well as homopolymeric...		22206	no	1e-32
[+] cdd01806, Nedd8. Nedd8 (also known as Rub1) has a single conserved ubiquitin-like domain that is part of...		22206	no	2e-19
[+] cdd01769, UBL. UBL's function by remodeling the surface of their target proteins, changing their target...		22171	no	7e-18
[+] cdd01802, AN1_N, AN1 (also known as ANUJL1 and RSD-7) is ubiquitin-like protein with a testis-specific...		22204	no	2e-15
[+] cdd01809, Soythe. Soythe (also known as Bat3) is an apoptotic regulator that is highly conserved...		22211	no	7e-12
[+] cdd01805, RAD23_N, RAD23 belongs to a family of adaptor molecules having affinity for both the proteasome...		22207	no	1e-11
[+] cdd01796, parkin_N, parkin_N parkin protein is a RING-type E3 ubiquitin ligase with an amino-terminal...		22200	no	4e-11
[+] cdd01793, Fubi. Fubi is a ubiquitin-like protein encoded by the fau gene which has an N-terminal...		22196	no	4e-10
[+] cdd01807, GDX_N, GDX contains an N-terminal ubiquitin-like domain as well as an uncharacterized c...		22209	no	6e-10
[+] cdd01196, UBQ. Ubiquitin homologs. Includes ubiquitin and ubiquitin-like proteins. Ubiquitin-mediated...		22199	no	3e-09
[+] cdd01797, NIRF_N, NIRF_N This CD represents the amino-terminal ubiquitin-like domain of a family...		22198	no	7e-08
[+] cdd01800, SF3a120_C, SF3a120_C Mammalian splicing factor SF3a consists of three subunits of 60, 66, and 120...		22202	no	2e-07
[+] cdd01810, ISG15_repeat2, ISG15 is a ubiquitin-like protein containing two ubiquitin homology domains and becomes...		22212	no	2e-06
[+] pfam00240, ubiquitin. Ubiquitin family		109204	no	6e-24
[+] smc00213, UBQ. Ubiquitin homologues. Ubiquitin-mediated proteolysis is involved in the regulated...		47543	no	1e-20
[+] cdd05272, UB14. Ubiquitin [Posttranslational modification, protein turnover, chaperones]		34669	no	2e-07
[+] cdd01794, DC_UbP_C, DC_UbP (dendritic cell derived ubiquitin-like protein) is a ubiquitin-like protein from...		22198	no	2e-05
[+] cdd01812, BAG1_N, BAG1_N N-terminal ubiquitin-like (Ubl) domain of the BAG1 protein. This domain occurs...		22214	no	2e-05
[+] cdd01796, DDI1_N, DDI1_N DDH (DNA damage inducible protein 1) has an amino-terminal ubiquitin-like...		22198	no	3e-05
[+] cdd01808, hPLIC_N, hPLIC-1 and hPLIC-2 (human homologs of the yeast ubiquitin-like Dsk2 protein) are...		22210	no	5e-05
[+] cdd01804, midnolin_N, midnolin_N Midnolin (midbrain nuclear protein) is expressed in the nucleolus and is...		22206	no	3e-04
[+] cdd01799, Hoi11_N, Hoi11_N HOI-1 (heme-oxygenized IRP2 ubiquitin ligase-1) is an E3 ubiquitin-protein...		22201	no	6e-04
[+] cdd01792, ISG15_repeat1, ISG15 is a ubiquitin-like protein containing two ubiquitin homology domains that...		22194	no	0.001

Blast search parameters

Options: Database: CDD Low complexity filter: yes E-value threshold: 0.010 Max. hits: 50
 Data Source: Precalculated data
 System: Search creator: newblast Software: blastp 2.2.20+ Service: rpsblast

References:

- [1] Marchler-Bauer A et al. (2007), "CDD: a conserved domain database for interactive domain family analysis", *Nucleic Acids Res.* 35(D):237-240.
 [2] Marchler-Bauer A et al. (2005), "CDD: a Conserved Domain Database for protein classification.", *Nucleic Acids Res.* 33(D):192-196.
 [3] Marchler-Bauer A, Bryant SH (2004), "CD-Search: protein domain annotations on the fly", *Nucleic Acids Res.* 32(W):327-331.

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